

Periodic Inspections
ACTIVITY HAZARDS ANALYSIS
Hydrologic Engineering Branch

ACTIVITY: PERIODIC INSPECTIONS

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PRINCIPAL STEPS	POTENTIAL HAZARDS	RECOMMENDED CONTROLS
Periodic Inspections	Confined Spaces Animals Insects Heights and Ladders Slipping and tripping potential Temperature extremes Boat Safety Traffic Safety	<ol style="list-style-type: none"> 1. Personnel entering confined spaces will be required to have the 4 hour confined space training class prior to entry. Refer to recommended controls for confined spaces also. For periodic inspections Geotechnical Branch usually arranges the required equipment and permits needed to enter confined spaces and briefs personnel on the confined space hazards prior to entry. 2. Personnel should be wary of animals and pests lurking in the confined space- particularly outlet works and interior drainage structures. Inspect entrances for signs of animal habitation prior to entry. Care should be taken when walking embankments to avoid holes in the ground and poisonous plants and animals. 3. Personnel should note all areas where the potential for falls may occur and ensure the fall protection appears sound before approaching the area. 4. Personnel should inspect ladders prior to their use and use safety equipment when needed. Personnel will use care when ascending and descending ladders and steep slopes. 5. Personnel should inspect areas where debris or slick surfaces are present to prevent tripping and slipping accidents. Appropriate footwear is needed to provide adequate traction. 6. Safety shoes are required for all personnel entering confined spaces to provide both adequate footwear with traction and to protect the feet. 7. Personnel must dress accordingly for temperature extremes including both cold and warm weather. In the summer personnel must have access to water to replenish body fluids and must be aware of the symptoms for heat stress and exhaustion. In the winter personnel must dress warmly in layers and be aware of the symptoms for frostbite and hypothermia. 8. Where access to inspected structures is needed by boat, personnel should have water safety training and will wear life vests at all times while in the boat. Boat safety will be reviewed by the boat captain and will be obeyed by personnel. 9. Where inspections of bridges or roadways are near public roadways, personnel should exercise care in crossing the roadway. If the inspection requires walking of the roadway traffic signs or vests should be used to warn the traffic of the pedestrian presence.
EQUIPMENT TO BE USED	INSPECTION REQUIREMENTS	TRAINING REQUIREMENTS
NA	See recommended controls	Confined space entry